

Multiple selectable field generator pad having 40 (A-ij, i=1-5, j=1-8)  
individually powered and controlled cells

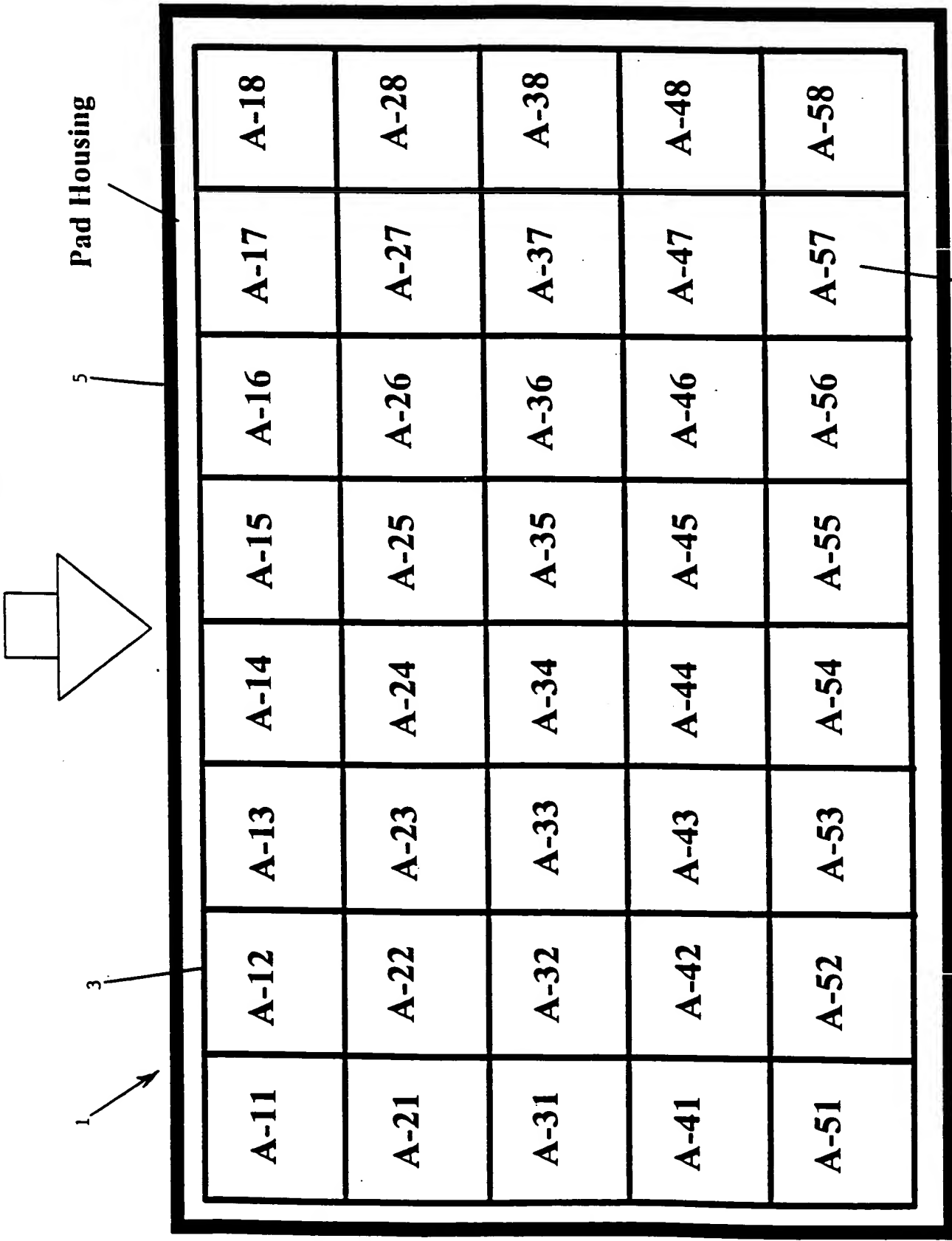
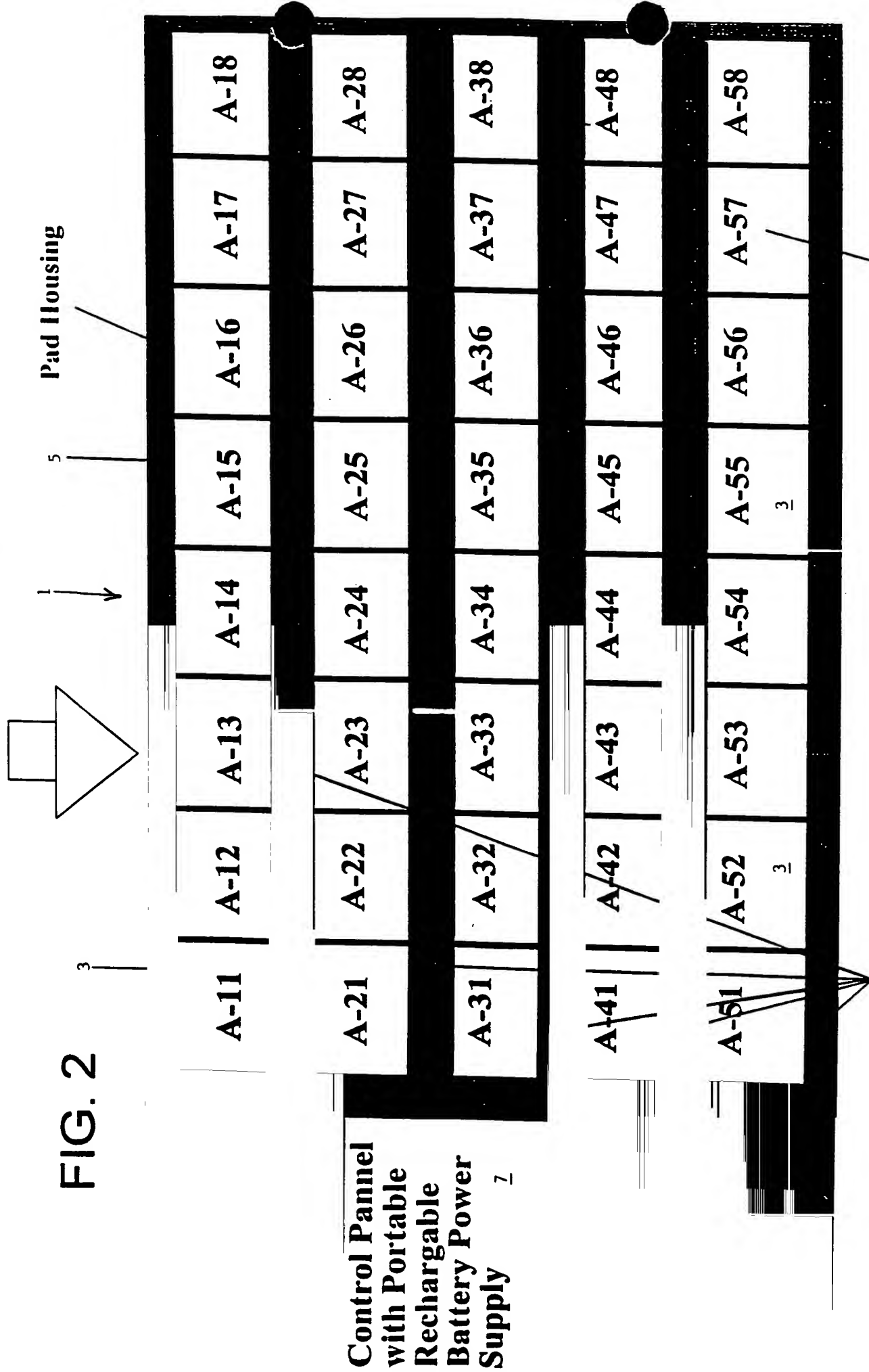


FIG. 1

Individual Cell A<sub>ij</sub> where i=5, j=7

Multiple selectable field generator pad having 40 ( $A_{ij}$ ,  $i=1-5$ ,  $j=1-8$ ) individual, remotely powered and controlled cells

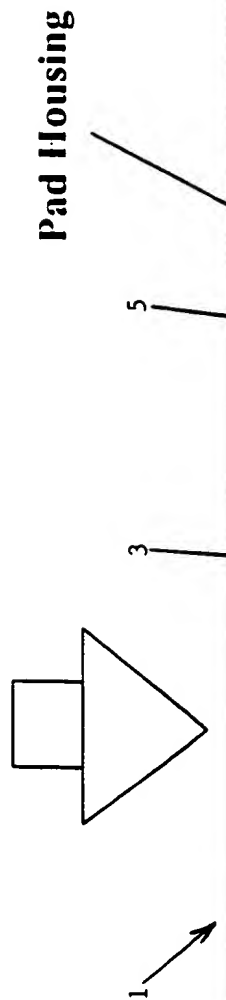
FIG. 2



Power and signal control conduit

Individual Cell  $A_{ij}$  where  $i=5$ ,  $j=7$

Multiple selectable field generator pad having 40 (A-ij, i=1-5, j=1-8) individual, remotely powered and controlled cells



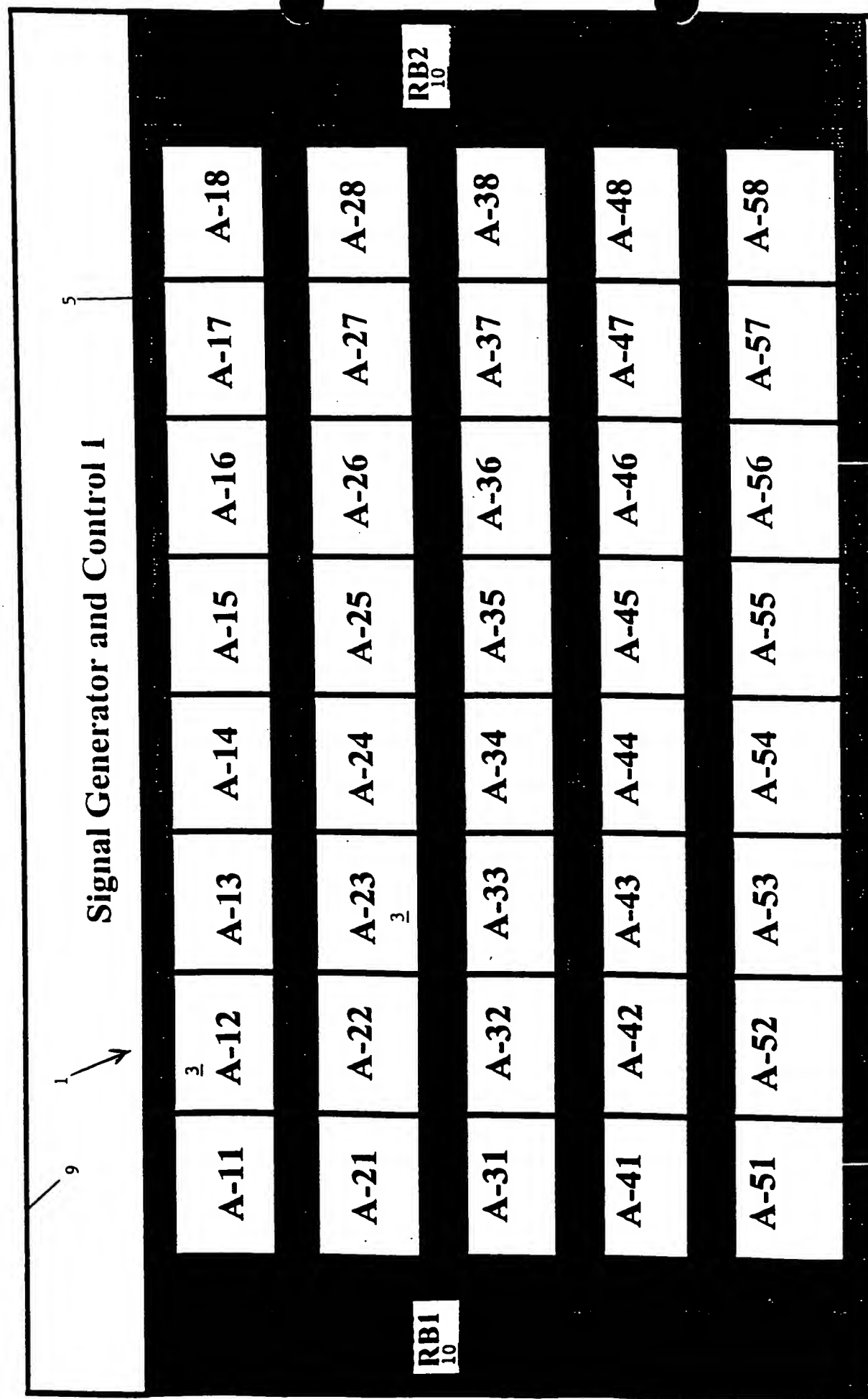
Pad Housing

FIG. 3

Control Panel 1 with Portable Rechargeable Battery Power Supply 2	A-11	A-12	A-13	A-14	A-15	A-16	A-17	A-18	Control Panel 2 with Portable Rechargeable Battery Power Supply 2
	A-21	A-22	A-23	A-24	A-25	A-26	A-27	A-28	
	A-31	A-32	A-33	A-34	A-35	A-36	A-37	A-38	
	A-41	A-42	A-43	A-44	A-45	A-46	A-47	A-48	
	A-51	A-52	A-53	A-54	A-55	A-56	A-57	A-58	

Power and signal control conduit

Individual Cell Aij where i=5, j=7



**FIG. 4** **Signal Generator and Control 2**

Multiple selectable field generator pad having 40 (A-1j, 1-1-3, j=1-8)  
individual, remotely powered and controlled cells

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Connector to portable power and  
signal generator and control

Pad Housing

5

1

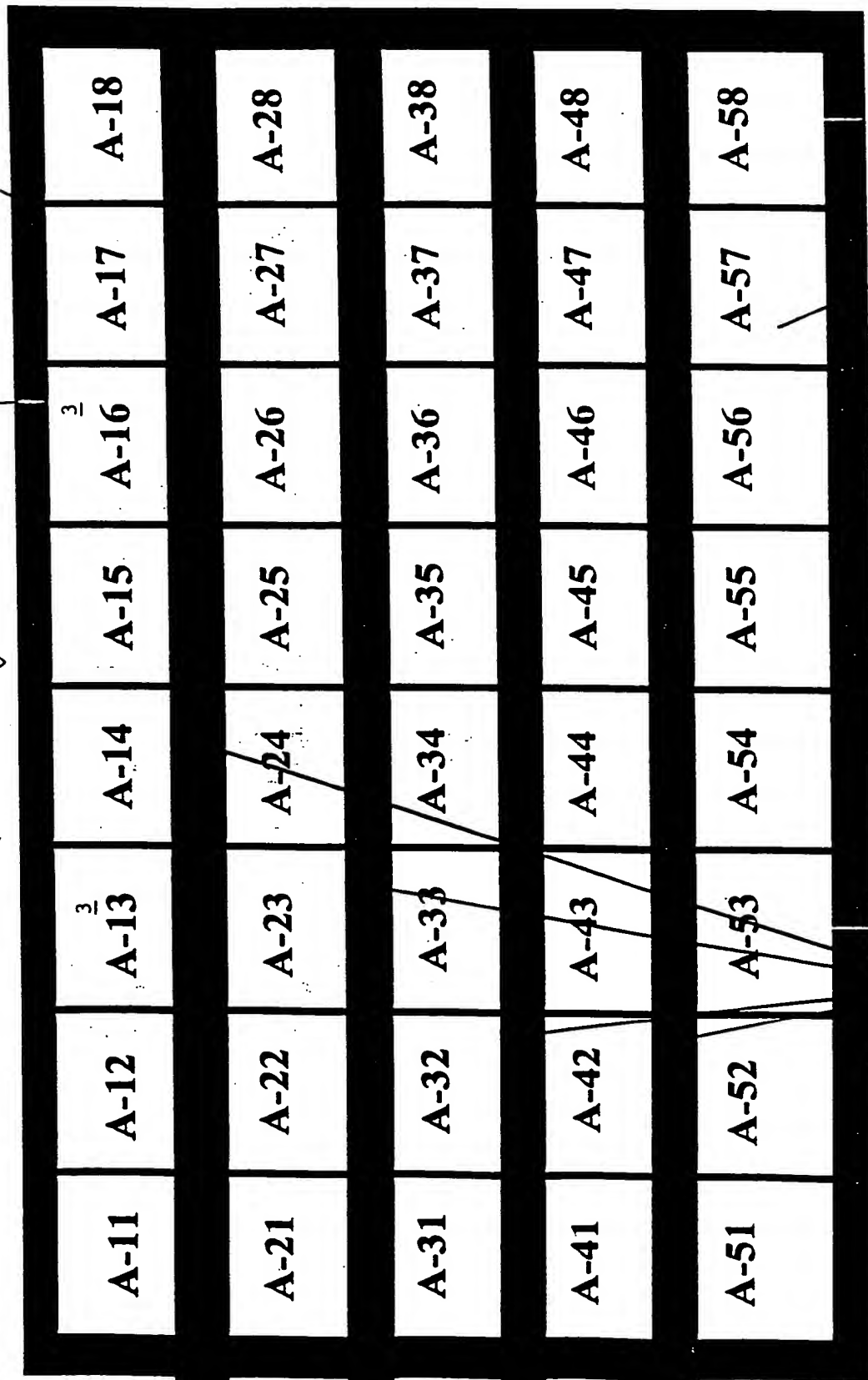


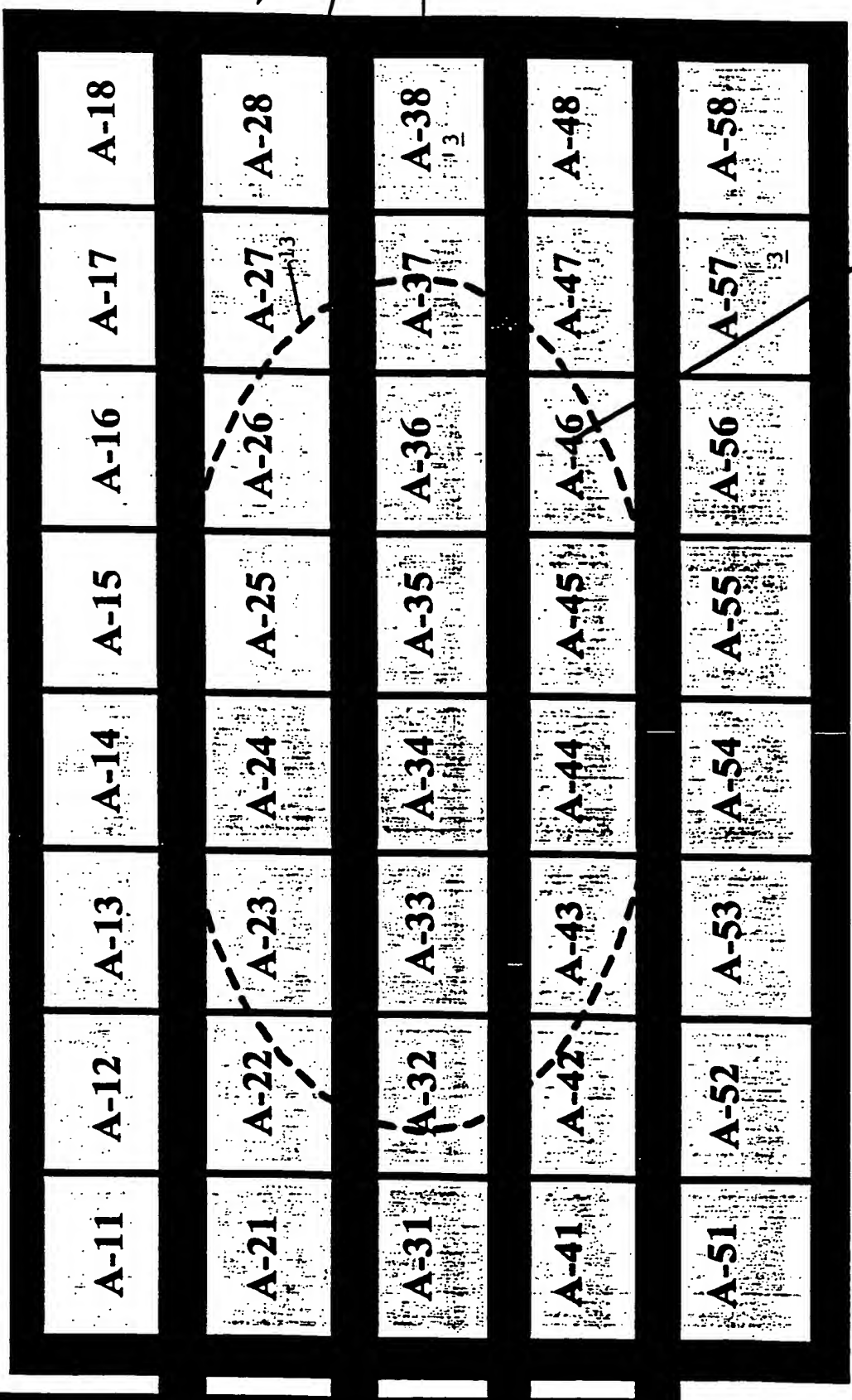
FIG. 5

Power and signal control conduit

Individual Cell Aij where i=5, j=7

Multiple selectable field generator pad having 40 (A-ij, i=1-5, j=1-8) individual, remotely powered and controlled cells

11



Field Strength

Increased Localized Strength

Soft Tissue Being Treated

FIG. 6

Decreased Localized Strength

Position

FIG. 7

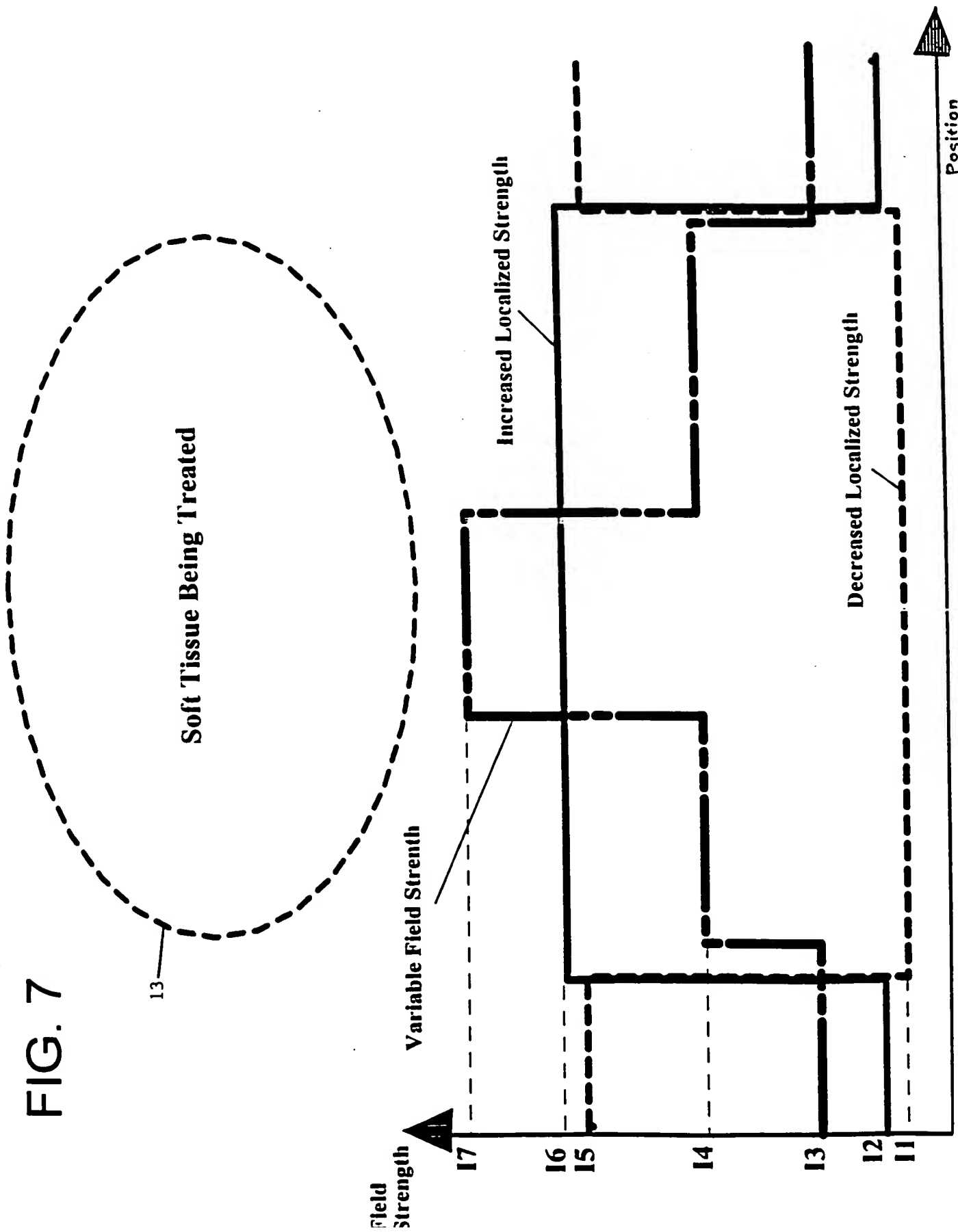


FIG. 8

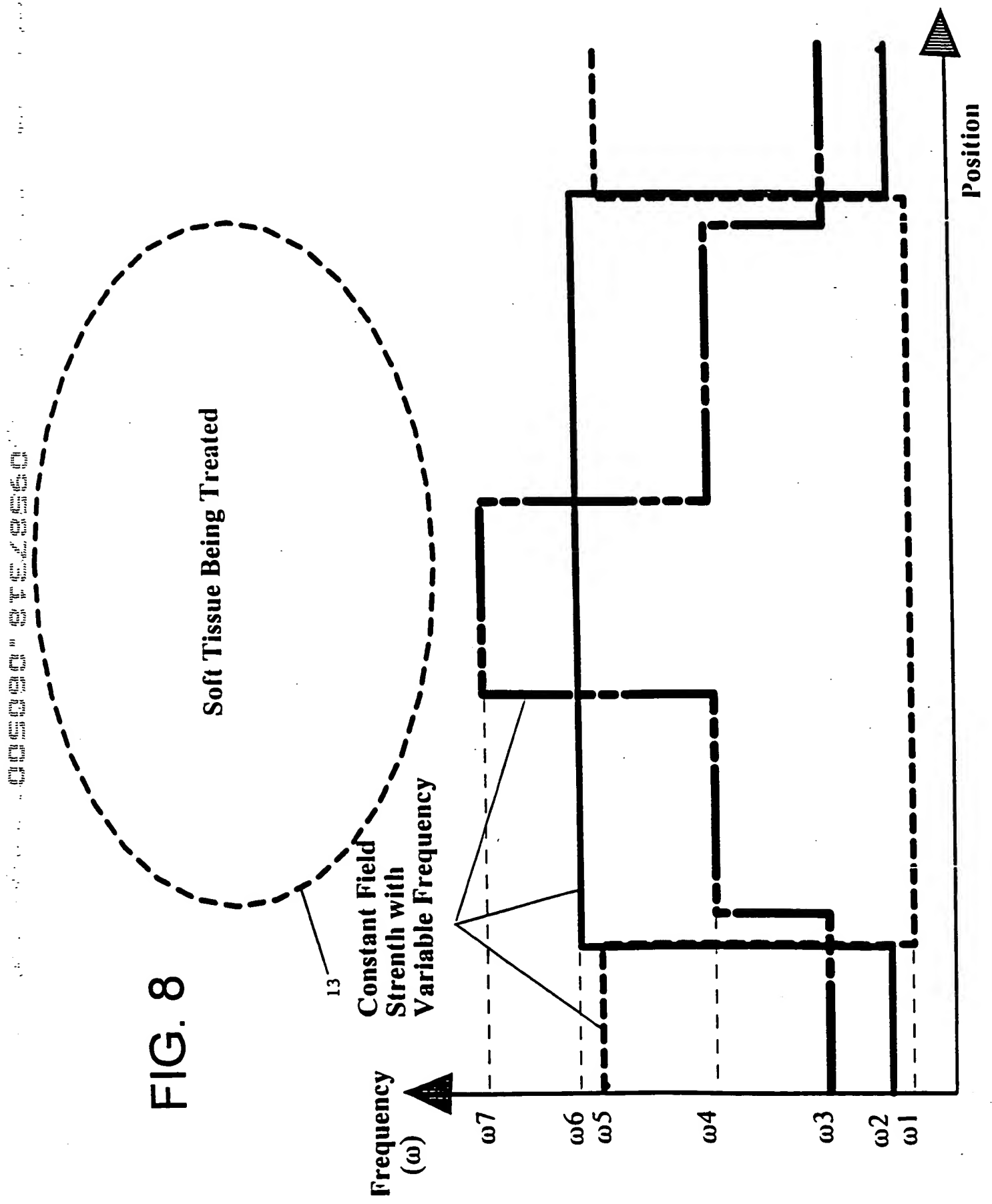
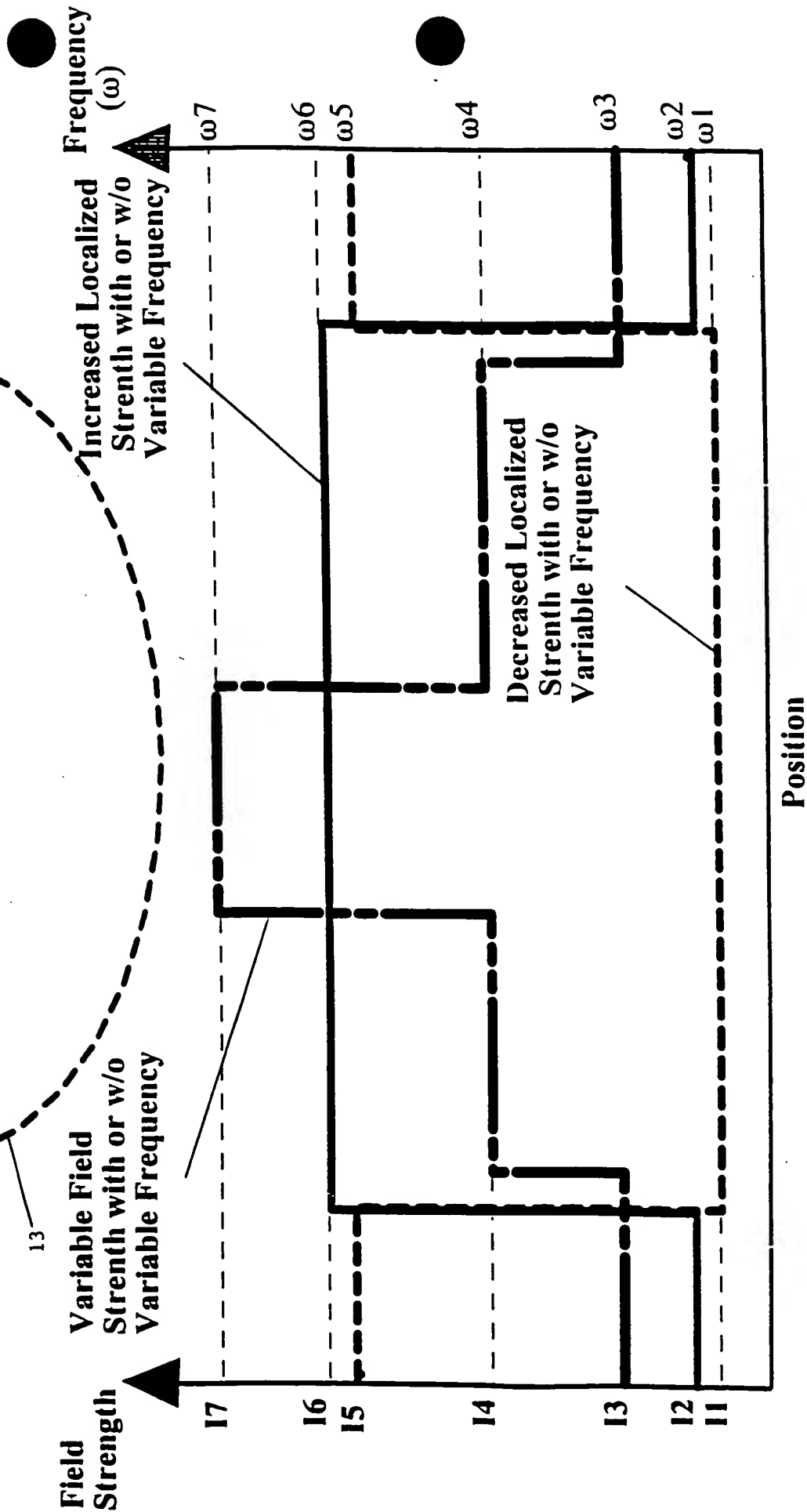




FIG. 9

Soft Tissue Being Treated



# Self Contained EM/RF/Magnet Field Unit Cell

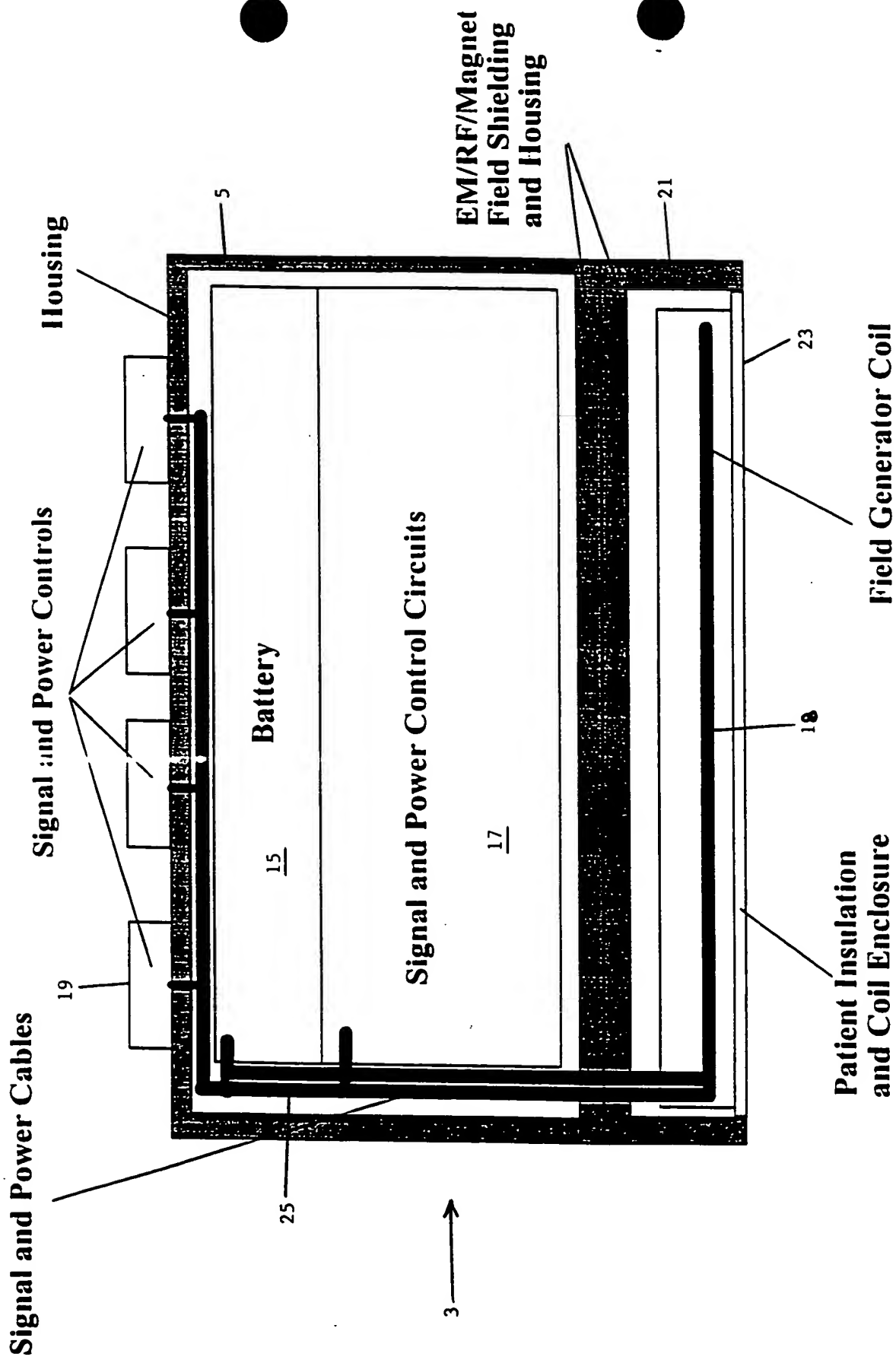


FIG. 10

# Self Contained Current-Voltage Unit Cell

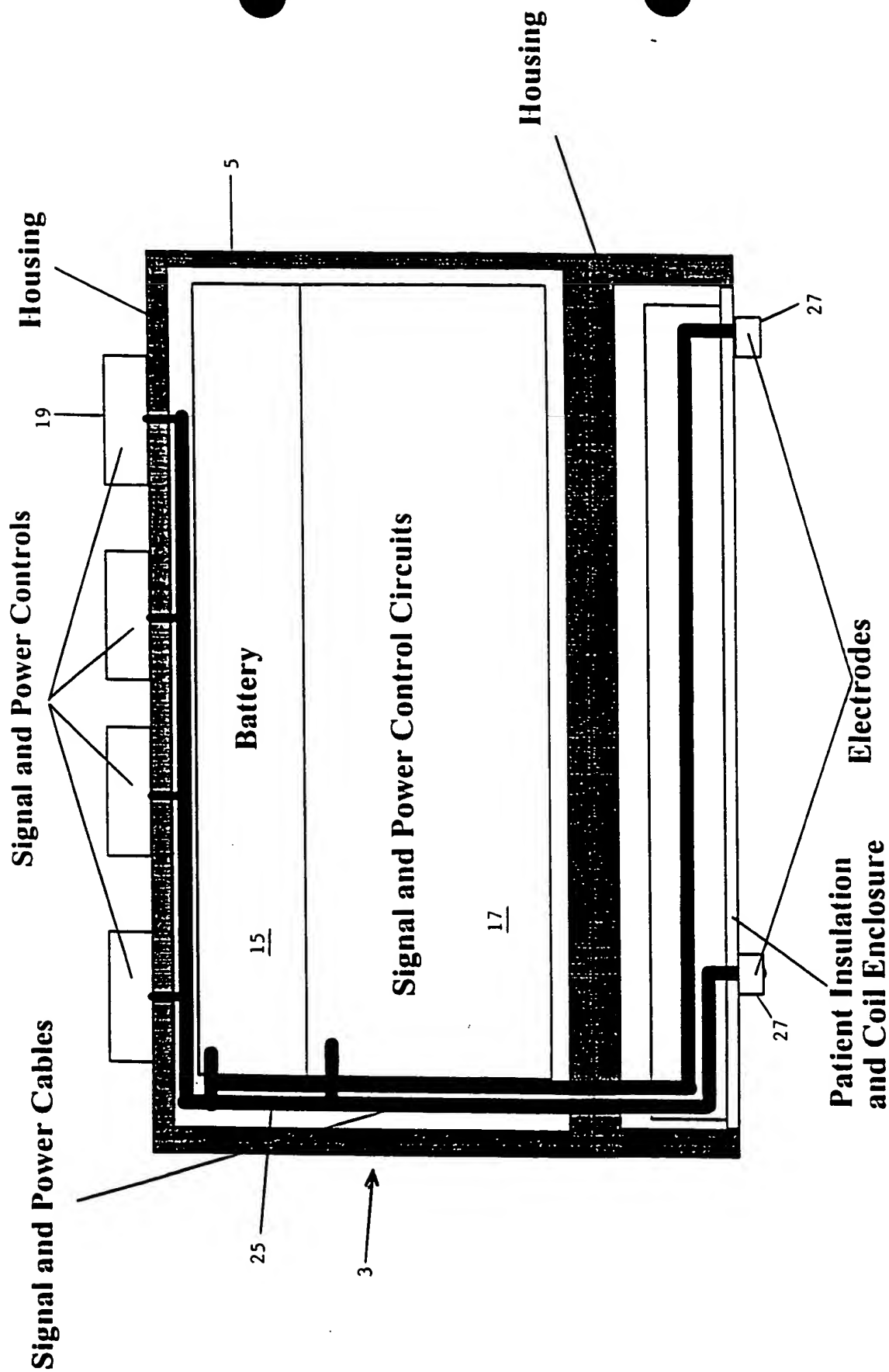


FIG. 11

Remote Controlled EM/RF/Magnet Field Unit Cell

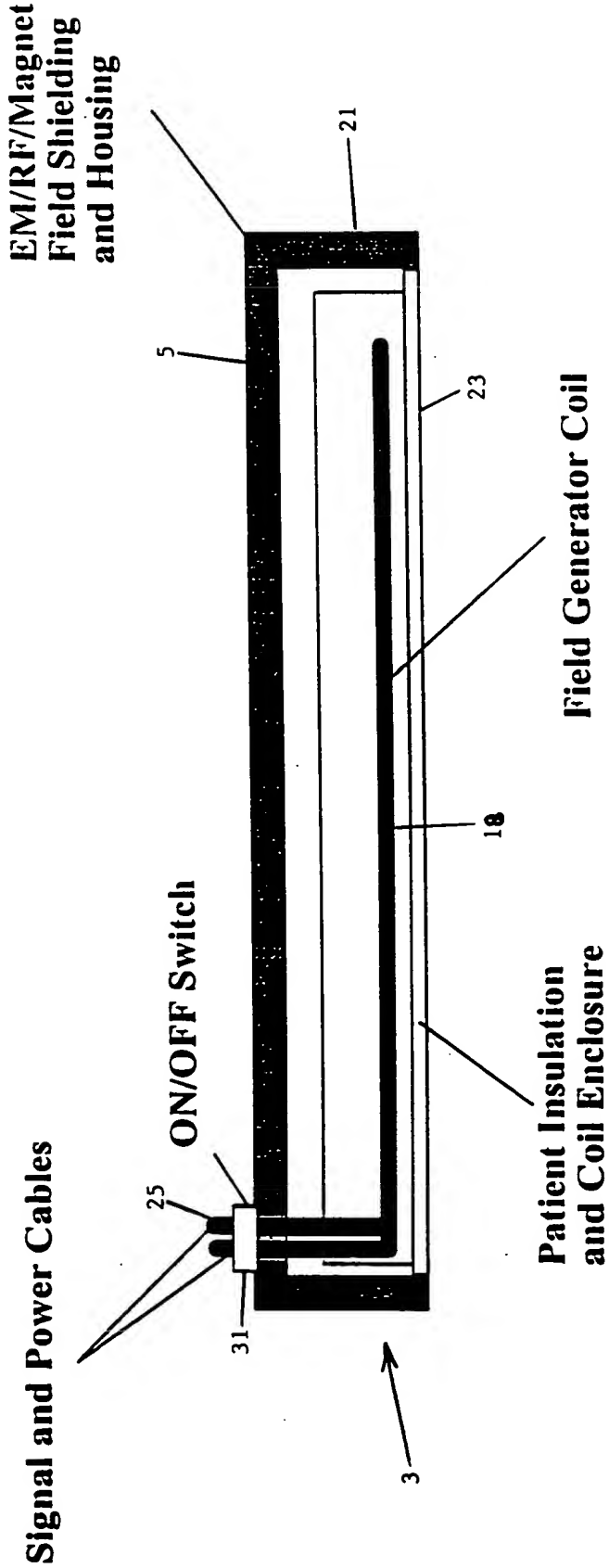
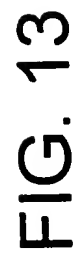


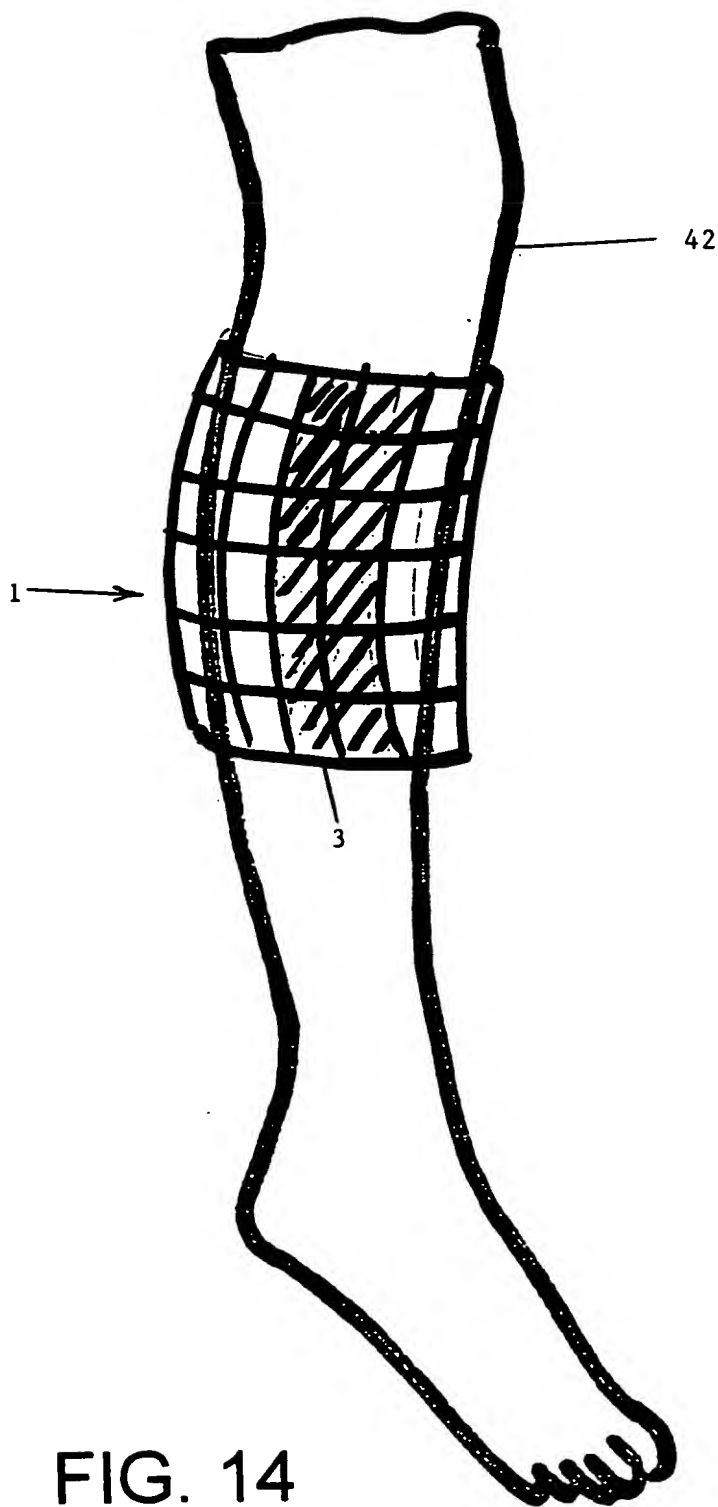
FIG. 12

# Introduction



**FIG. 13**

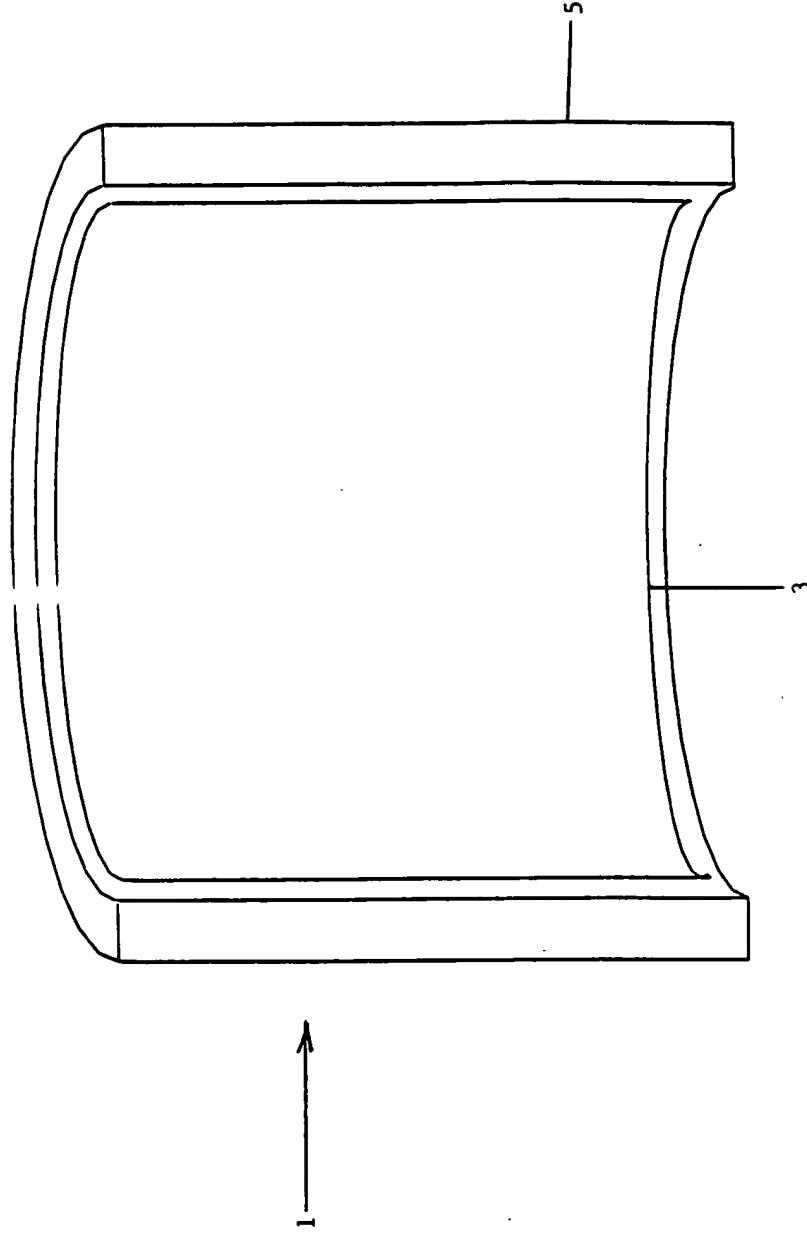
**Remote Controlled/Self Contained Flexible/Cylindrically Shaped  
Multiple Unit Cell for Bone Regrowth and Other Applications  
Having Any Type Activated Region Having Multiple  
Field/Current-Voltage Control Sensors**



**FIG. 14**

US 2003/0126033 A1

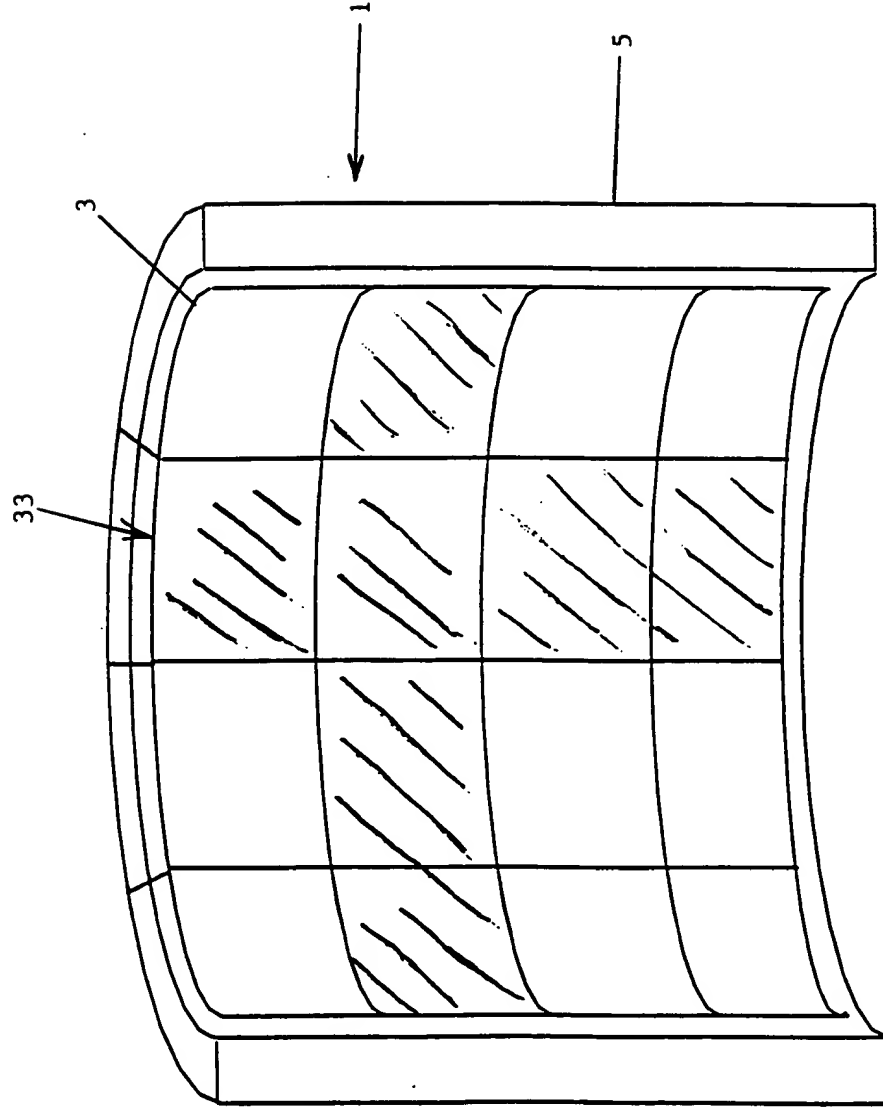
**Remote Controlled / Self Contained Flexible/Cylindrically Shaped  
Unit Cell for Bone regrowth and Other Applications**



**FIG. 15**

# Remote Controlled/Self Contained Flexible/Cylindrically Shaped Multiple Unit Cell for Bone Regrowth and Other Applications Having Cross Type Activated Region

FIG. 16









**Remote Controlled/Self Contained Flexible/Cylindrically Shaped  
Multiple Unit Cell for Bone Regrowth and Other Applications  
Having Any Type Activated Region Having Multiple  
Field/Current-Voltage Control Sensors**

**FIG. 19**

